

Product datasheet

Anti-MFF antibody ab81127

★★★★☆ 3 Abreviews 6 References 3 图像

概述

产品名称	Anti-MFF抗体
描述	兔多克隆抗体to MFF
宿主	Rabbit
经测试应用	适用于: ICC/IF, WB
种属反应性	与反应: Rat, Human, Zebrafish 预测可用于: Mouse, Rabbit, Horse, Chicken, Guinea pig, Cow, Cat, Dog
免疫原	Synthetic peptide corresponding to a region within C terminal amino acids 287-336 (LTVVDAASLR RQIIKLNRRRL QLLEENKER AKREMVMYSI TVAFWLLNSW) of Human MFF (NP_064579). Run BLAST with ExPASy Run BLAST with NCBI
阳性对照	Fetal muscle lysate. This antibody gave a positive result in IF in the following Formaldehyde fixed cell line: A549

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
存储溶液	Preservative: 0.09% Sodium azide Constituents: 2% Sucrose, PBS
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab81127** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

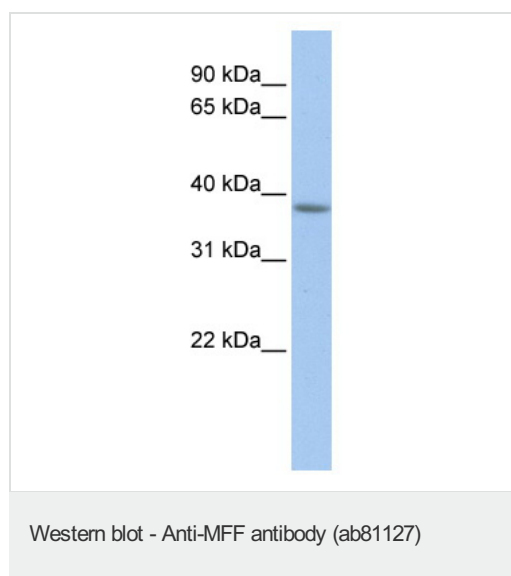
应用	Ab评论	说明
ICC/IF		Use a concentration of 5 µg/ml.

应用	Ab评论	说明
WB	★★★★☆	Use a concentration of 1 µg/ml. Detects a band of approximately 38 kDa (predicted molecular weight: 38 kDa). Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.

靶标

功能	Plays a role in mitochondrial and peroxisomal fission.
组织特异性	Highly expressed in heart, kidney, liver, brain, muscle, and stomach.
序列相似性	Belongs to the tango11 family.
细胞定位	Mitochondrion outer membrane.

图片



Anti-MFF antibody (ab81127) at 1 µg/ml (in 5% skim milk / PBS buffer) + fetal muscle lysate at 10 µg

Secondary

HRP conjugated anti-Rabbit IgG at 1/50000 dilution

Predicted band size: 38 kDa

Observed band size: 38 kDa

Gel concentration 12%



Western blot - Anti-MFF antibody (ab81127)

All lanes : Anti-MFF antibody (ab81127) at 1 $\mu\text{g/ml}$

Lane 1 : Marker

Lane 2 : Zebrafish brain homogenate at 20 μg

Lane 3 : Zebrafish heart homogenate at 20 μg

Lane 4 : Zebrafish liver homogenate at 20 μg

Secondary

All lanes : Goat polyclonal to Rabbit IgG – H&L – Pre-Adsorbed (HRP) at 1/6000 dilution

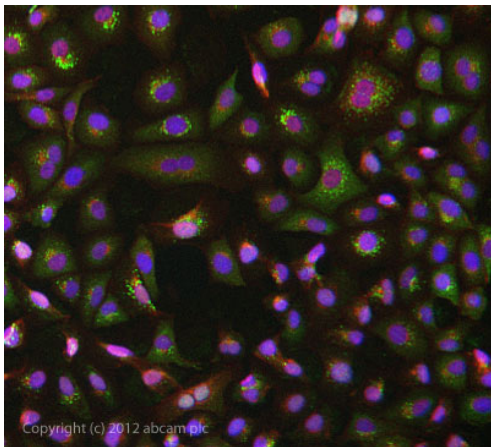
Developed using the ECL technique.

Performed under reducing conditions.

Predicted band size: 38 kDa

Observed band size: 37 kDa

Exposure time: 3 minutes



Immunocytochemistry/ Immunofluorescence - Anti-MFF antibody (ab81127)

ab81127 stained A549 cells. The cells were 4% formaldehyde fixed (10 min) and then incubated in 1%BSA / 10% normal goat serum / 0.3M glycine in 0.1% PBS-Tween for 1h to permeabilise the cells and block non-specific protein-protein interactions. The cells were then incubated with the antibody ab81127 at 5 $\mu\text{g/ml}$ overnight at +4°C. The secondary antibody (green) was DyLight® 488 goat anti- rabbit (ab96899) IgG (H+L) used at a 1/1000 dilution for 1h. Alexa Fluor® 594 WGA was used to label plasma membranes (red) at a 1/200 dilution for 1h. DAPI was used to stain the cell nuclei (blue) at a concentration of 1.43 μM .

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